

MEMORANDUM.

UTAH DEPARTMENT OF TRANSPORTATION

DATE: May 1, 2006

TO : All Utah Pavement Council Members

FROM : Howard J. Anderson, P.E.
Asphalt Pavement Engineer

SUBJECT: Utah Pavement Council

Date: May 10th, 2006
Location: UDOT Complex, Large Conference Room, First Floor
Address: 4501 South 2700 West
Salt Lake City, UT 84119
Time: 1:00 PM to 4:00 PM

The next Utah Pavement Council meeting is scheduled as shown above. Please send me any agenda items you may have to be included in the meeting.

Attendance April 19th Meeting:

Rodney Terry, Kevin VanFrank, John Butterfield, Larry Gay, Stephane Charmot, Craig Haskell, Gary Lindley, Brian Burr, Victor Johnson, Craig Fabrizio, Val Christoffersen, Farrell Barlow, James Cox, Mo Rahman, Matt Parker, Brent Hadfield, Stu Zick, Cam Ryan, Tim Biel, Karl Verhaeren, Desna Bergold, Jeff Collard, Tim O'Connell, & Howard Anderson.

The following ground rules are recommended for our group: 1. Participate by providing your agenda items and reviewing the specifications or procedures and making comments. 2. Bring your reviewed copy of the draft. 3. Come on time and stay and participate as best you can. 4. Stay on task during discussions. 5. Keep personal gripes to a minimum. 6. Keep side conversations during breaks only.

Draft Notes from April19, 2006 Meeting:

1. **Welcome**- Howard Anderson – With the retirements of Cameron Petersen and Steve Niederhauser, and Murari Pradhan leaving UDOT to work for the Arizona dot, I'm pleased to be invited back to the Materials Division and the Utah Pavement Council. I will still be

working on the Commuter Rail project, but only about 15 hours per week. I'm excited to be able to re-dedicate my career to the pavement world.

2. **Slurry Seal Specification:** Stephane Charmot provided a handout on the Recommended Performance Guidelines for Emulsified Asphalt Slurry Seal from ISSA, November 2005. He also handed out a draft specification for Slurry Seal. This was reviewed with the group. This draft specification is very similar to a version UDOT is working on. The UDOT version references ASHTO test methods where possible instead of ASTM. Some other minor additions have been made. This will be brought to the Pavement Council in May or June. Craig Haskell is leading the effort to put the specification together – all comments can be sent to him.
3. **Bonded OGSC Specification:** Stephane Charmot provided a slide show on Bonded OGSC. This material is the same as an Open Graded Surface Course with the addition of an emulsion sprayed down just prior to the OGSC application. This should help keep the OGSC from delaminating from the old surface. Smoothness specifications are an issue and due to the thin lift thickness of ½ inch, the opportunity to correct smoothness problems is not generally possible. The material should be used on a structurally sound and smooth pavement.
4. **Section 02741M, HOT MIX ASPHALT (HMA):** - Tim passed out a handout, draft specification for Section 02741M Hot Mix Asphalt (HMA). Part 1: additions to the Acceptance part of the specification. This is a new section describing the acceptance criteria for HMA in respect to the Hamburg Wheel Tracker.
5. **Road Base Spec (02721S).** Brian Burr asked the question, what do the contractors do with the material they made during the winter months anticipating using the old specification? Is there any room to widen out the gradation band? Can we put restrictions on the top 2 or 3 sieves and allow targeting the bottom sieves? In general it was discussed that the specification is a special provision and is going into most new projects. The project engineer can use a change order to allow some compromise when material was prepared over the winter with the old specification in mind. The discussion followed we need to meet the CBR requirements with some decent top size rock to be ok. This would be the short run fix, but in time the new specification should be used.
6. **OGSC – Design by Gyrotory Compactors** - Mohammad asked if we are going to do this. New Mexico is one state that uses this method. Tim asked John Tenison from New Mexico dot to send him their specifications.

7. **Verification Criteria** for different compaction levels for HMA – Vick discussed some of his concerns where the Table 8 in 2741 shows 4 different traffic levels with different compaction requirements in the Gyratory Compactor. However, the Hamburg test requirement is the same for all mixes. Howard and Kevin talked about how Texas uses different requirements based on the PG binder grade used. The Central Materials Unit will investigate this. Mohammed mentioned the N design and N max values for the Superpave mix as specified in the MOI 960 are just starting to be enforced this year.
8. **Next meeting date. Wednesday, May 10th, 2006.**

AGENDA
Utah Pavement Council
Wednesday, May 10th, 2006

1:00 PM UDOT Complex
Large Conference Room, First Floor
4501 South 2700 West
Salt Lake City, UT 84101

1:00 - 1:10 1. **Welcome** - Howard Anderson
Summary:

1:10 - 2:00 2.

Summary:

Other Items:

Summary:

Next meeting date. **Wednesday, June 14, 2003.**